

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

FM-220J

SERIAL NO.

10/615,470

Wilson-Nguyen *et al.*

FILING

July 8, 2003

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ATP	2,953,970	09-27-1960	Charles A. Maynard	88	113	
	2,963,535	12-6-1960	Wegener et al.	174	36	
	2,963,538	12-6-1960	Victor F. Dahlgren	174	117	
	2,997,521	08-22-1961	Victor F. Dahlgren	174	68.5	
	3,086,071	04-16-1963	Daniel S. Preston	174	117	
	3,229,030	01-11-1966	Max Baermann	174	117	
	3,247,755	04-26-1966	Walter P. Slegmund	88	1	
	3,288,175	11-29-1966	Emery I. Valko	139	425	
	3,371,250	02-27-1968	Ross et al.	317	101	
	3,414,666	12-3-1968	Doundoulakis et al.	174	68.5	
ATP	3,473,872	10-21-1969	Shiro Okamura	355	1	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ATP	EP 0 320 901 A2	21-06-89	Europe	B32B	15/08	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ATP	X	"Wearable Sensor Badge & Sensor Jacket for Context Awareness", Farrington et al., Philips Research Laboratories, Surrey, U.K., 1999 IEEE, pp. 107-113 (no month)
ATP	X	"Electric Suspenders: A Fabric Power Bus and Data Network for Wearable Digital Devices", Michael M. Gorlick, The Aerospace Corporation, El Segundo, California, 1999 IEEE, pp. 114-121 (no month)


EXAMINER

gwb

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<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;">  <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p> </div> <div style="text-align: right;"> <p>ATTY DOCKET NO. <b>FM-220J</b></p> <p>SERIAL NO. <b>10/615,470</b></p> </div> </div>				<p>Wilson-Nguyen <i>et al.</i></p>			
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				<p><b>U.S. PATENT DOCUMENTS</b></p>			

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ATP	3,507,321	04-21-1970	James R. Palma	165	46	X
	3,551,585	12-29-1970	Smart et al.	174	72	
	3,711,627	01-16-1973	K. Avraamovich Maringulov	174	68.5	
	3,778,331	12-11-1973	Walter G. Scharf	161	67	
	3,926,360	12-16-1975	Douglas E. Moister, Jr.	228	180	
	4,031,284	06-21-1977	Glen E. Ingraham	428	222	
	4,106,677	08-15-1978	Helmso, et al.	224	219	
	4,111,510	09-05-1978	Rudolf F. Zurcher	439	67	
	4,145,030	03-20-1979	Glen E. Ingraham	256	1	
	4,158,103	06-12-1979	Danilin et al.	174	68.5	
ATP	4,191,800	03-04-1980	Kenneth A. Holtzman	442	233	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
X								

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
ATP	-	-	"Smart Fabric, or Washable Computing", E. Rehmi Post, Maggie Orth, MIT Media Laboratory, Cambridge, MA, 5 pages (no date)
ATP	-	-	"E-broidery: Design and fabrication of textile-based computing", by E.R. Post et al., IBM Systems Journal, Vol. 39, Nos 3&4, 2000, pp. 840-860 (no month)

EXAMINER <span style="font-size: 1.5em; font-family: cursive;">GJB</span>	DATE CONSIDERED <span style="font-size: 1.5em; font-family: cursive;">8/12/05</span>
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<div style="float: left; width: 100px; text-align: right;"> </div> <div style="float: right; width: 300px;"> <p><b>INFORMATION DISCLOSURE CITATION</b>  <small>(Use several sheets if necessary)</small></p> </div> <div style="clear: both;"></div>				ATTY DOCKET NO. <b>FM-220J</b>		SERIAL NO. <b>10/615,470</b>		
				<b>Wilson-Nguyen et al</b>				
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<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
A7P	-	4,196,355	04-01-1980	Gayle J. Maine	250	516	X	
	-	4,227,520	10-14-1980	Ronald D. Lord	128	201.24		
	-	4,229,615	10-21-1980	Orr, Jr. et al.	174	117.M		
	-	4,254,951	03-10-1981	Jan R. De Laney	273	1		
	-	4,281,237	07-28-1981	Allen V. Berenson	219	511		
	-	4,370,658	01-25-1983	Fred G. Hill	343	713		
	-	4,430,384	02-07-1984	Stephen George	428	377		
	-	4,452,847	06-05-1984	John T. Siemon	428	246		
	-	4,590,623	05-27-1986	Fern E. Kitchman	2	85		
	-	4,658,089	04-14-1987	Guzy et al.	174	113.R		
A7P	-	4,670,351	06-02-1987	Keane et al.	428	549		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
A7P	-	-	"Intrabody Buses for Data and Power", E. Rhemi Post et al., MIT Media Laboratory, 1997 IEEE, pp. 52-55 <div style="text-align: right;">(no month)</div>					
EXAMINER <b>g23</b>				DATE CONSIDERED <b>8/12/05</b>				
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				<b>Wilson-Nguyen et al.</b>			
				FILING <b>July 8, 2003</b>		GROUP	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ATP	-	4,684,762	08-04-1987	Harry F. Gladfelter	174	36	<div style="font-size: 4em; transform: rotate(-45deg);">X</div>
	-	4,709,397	11-24-1987	Voshall et al.	383	5	
	-	4,735,847	04-05-1988	Fujiwara et al.	428	209	
	-	4,753,088	06-28-1988	Harrison et al.	66	202	
	-	4,761,005	08-02-1988	French et al.	273	1	
	-	4,803,096	02-07-1989	Kuhn et al.	427	121	
	-	4,814,585	03-21-1989	Dan Klein	219	545	
	-	4,851,613	07-25-1989	Roland Jacques	174	254	
	-	4,868,565	09-19-1989	Mettes et al.	340	854.9	
	-	4,875,144	10-17-1989	Harry L. Wainwright	362	103	
ATP	-	4,877,646	10-31-1989	Kuhn et al.	427	121	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO


  

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ATP	✓	4,912,611	03-27-1990	Archie A. Lyle	362	156	
	✓	4,913,978	04-03-1990	Klotz et al.	428	551	
	✓	4,948,951	08-14-1990	Alfiero Balzano	219	528	
	✓	4,983,452	01-08-1991	Daimon et al.	442	378	
	✓	4,992,335	02-12-1991	Guerra et al.	428	518	
	✓	5,008,517	04-16-1991	Brekkestran et al.	219	211	
	✓	5,032,705	07-16-1991	Batcheller et al.	219	211	
	✓	5,047,788	09-10-1991	Calvin W. Gillard	343	915	
	✓	5,073,984	12-24-1991	Tone et al.	2	457	
	✓	5,103,504	04-14-1992	Zoran Dordevic	2	243	
ATP	✓	5,126,920	06-30-1992	Cardashian et al.	361	398	

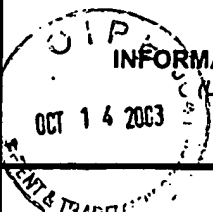
**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ATP	5,140,131	08-18-1992	Macher et al.	219	211	X
	5,316,830	05-31-1994	Adams, Jr. et al.	428	195	
	5,318,845	06-07-1994	Tanaka et al.	428	373	
	5,331,115	07-19-1994	Floyd Ysbrand	174	117.M	
	5,332,869	07-26-1994	Youshichi Hagiwara	174	257	
	5,342,204	08-30-1994	Mathias Och	439	39	
	5,357,593	10-18-1994	Bossler	385	49	
	5,362,656	11-08-1994	John F. McMahon	437	21	
	5,371,326	12-06-1994	Clearwaters-Dreager et al.	174	128.1	
✓	5,393,928	02-28-1995	Cribb et al.	174	36	
ATP	5,457,610	10-10-1995	Bernardoni et al.	361	816	

FOREIGN PATENT DOCUMENTS							
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ATD	—	5,499,927	03-19-1996	Ohno et al.	439	285	
	—	5,502,631	03-26-1996	Yoshio Adachi	361	760	
	—	5,523,528	06-04-1996	Bese et al.	174	36	
	—	5,531,405	07-02-1996	Joshua I. Goldberg	244	134.B	
	—	5,538,781	07-23-1996	Rao et al.	428	229	
	—	5,543,585	08-06-1996	Booth et al.	174	261	
	—	5,600,098	02-04-1997	Alexander Kazaks	174	135	
	—	5,674,752	10-07-1997	Buckley et al.	436	151	
	—	5,680,681	10-28-1997	Arthur Fuss	24	704.1	
	—	5,691,062	11-25-1997	Shalaby et al.	428	411.1	
ATP	✓	5,747,101	05-05-1998	Booth et al.	427	96	

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ATP	5,763,058	06-09-1998	Isen et al.	428	209	/
	5,774,341	06-30-1998	Urbish et al.	361	774	
	5,786,977	07-28-1998	Lenard Cohen	361	223	
	5,802,607	09-08-1998	Walter W. Triplette	2	1	
	5,829,987	11-03-1998	Fritsch et al.	439	38	
	5,832,296	11-03-1998	Wang et al.	710	3	
	5,837,624	11-17-1998	Sakaguchi et al.	442	208	
	5,876,430	03-02-1999	Shoberg et al.	607	122	
	5,883,364	03-16-1999	Frei et al.	219	535	
	5,906,004	05-25-1999	Lebby et al.	2	1	
ATP	5,912,653	06-15-1999	Stephan J. Fitch	345	87	

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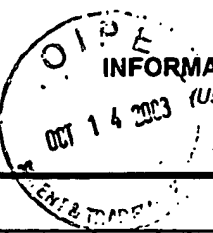
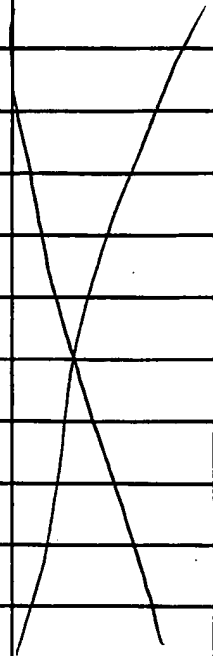
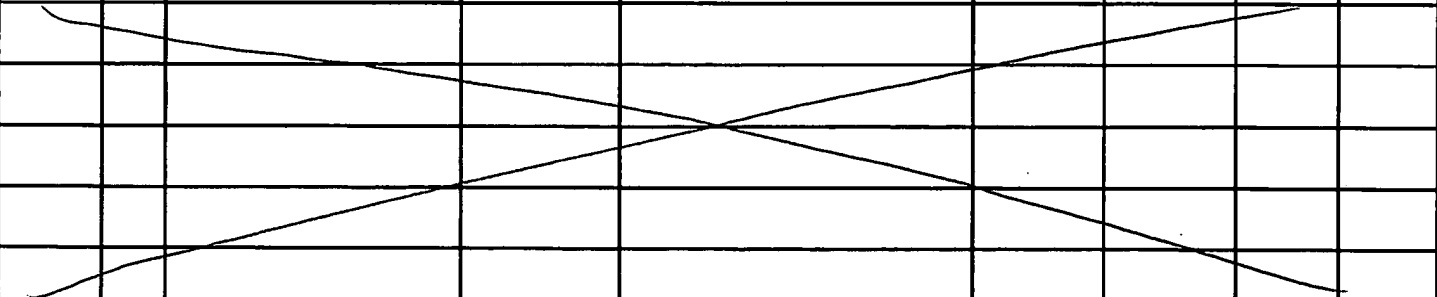
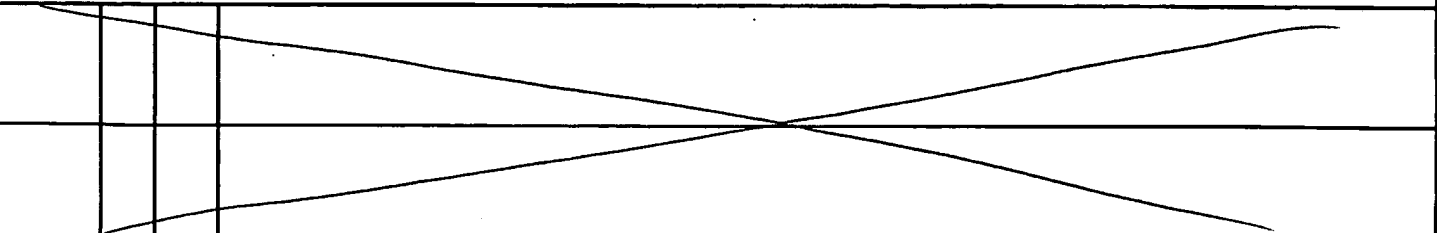
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AP	-	5,914,585	06-22-1999	Robert J. Grabon	320	125	<div style="font-size: 4em; transform: rotate(-45deg); position: relative; top: 50%; left: 50%;">X</div>	
	-	5,914,660	06-22-1999	Mesibov et al.	340	573		
	-	5,926,144	07-20-1999	Bolanos et al.	343	718		
	-	5,931,764	08-03-1999	Freeman et al.	482	4		
	-	5,970,921	10-26-1999	Karen H. Fulton	119	858		
	-	5,989,120	11-23-1999	Joseph F. Truchsess	463	7		
	-	5,995,077	11-30-1999	Wilcox et al.	345	112		
	-	5,997,983	12-07-1999	Caron et al.	428	105		
	-	6,023,372	02-08-2000	Spitzer et al.	359	630		
	-	6,024,575	02-15-2000	Paul C. Ulrich	434	236		
AP	-	6,026,512	02-22-2000	David L. Banks	2	69		
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ATP	-	6,080,690	06-27-2000	Lebby et al.	442	209		
	-	6,097,607	08-01-2000	Carroll et al.	361	752		
	-	6,105,624	08-22-2000	Wildeman et al.	139	383.R		
	-	6,117,554	09-12-2000	Shalaby et al.	428	420		
	-	6,121,171	09-19-2000	Takahashi et al.	442	289		
	-	6,121,547	09-19-2000	Jiro Harada	174	36		
	-	6,126,572	10-03-2000	Carl M. Smith	482	4		
	-	6,128,004	10-03-2000	McDowall et al.	345	158		
	-	6,210,771	04-03-2001	Post et al.	428	100		
	-	6,231,516	05-15-2001	Keilman et al.	600	485		
ATP	-	6,270,466	08-07-2001	Weinstein et al.	600	590		
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